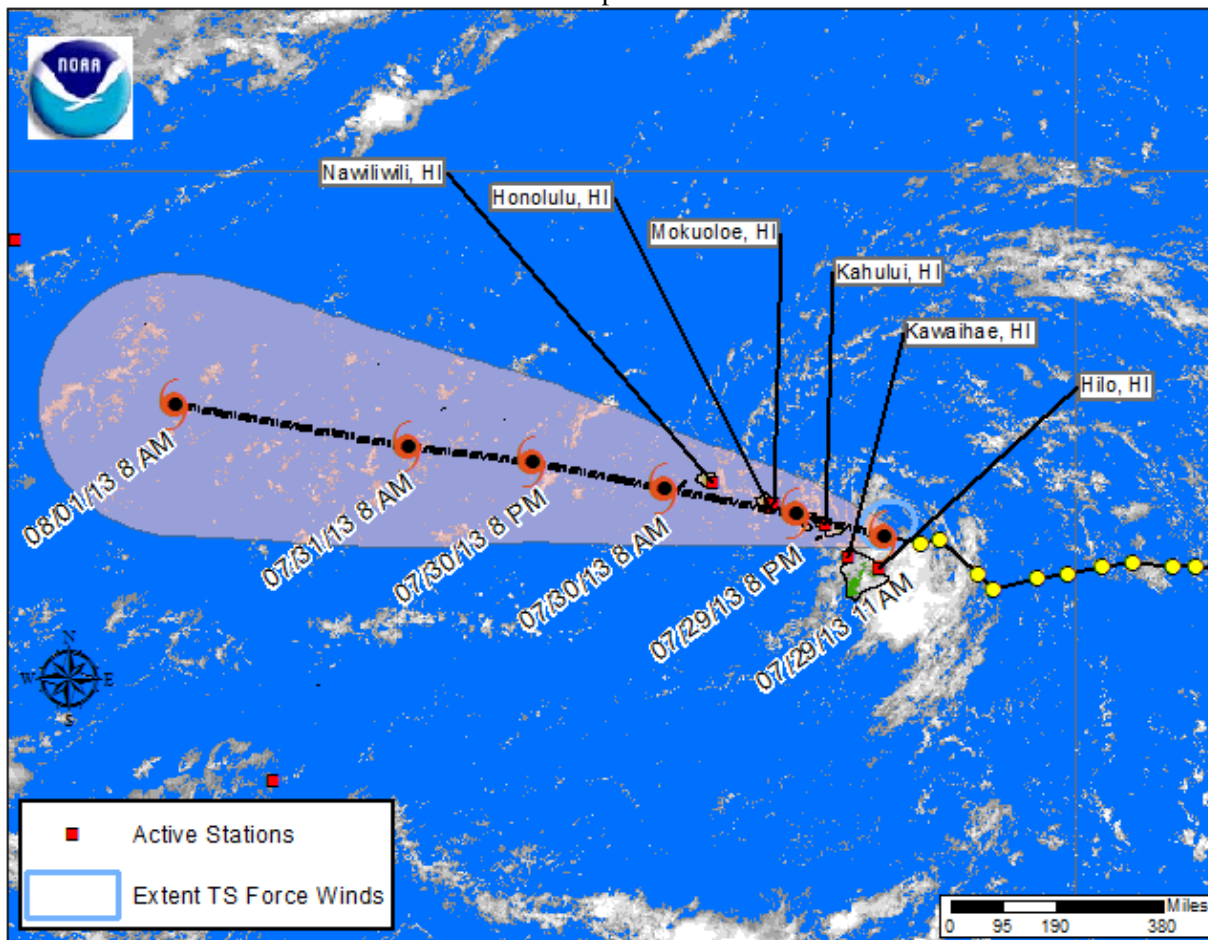


Tropical Storm FLOSSIE QuickLook
Posted: 12:00 HST 07/29/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 7/29/2013 12:00 HST, water levels in the Hawaiian Islands are at or slightly above predicted tide levels with observations between 0 to 0.35 ft above predictions. Winds are generally between 5 and 20 knots with higher gusts at Hilo. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Hilo, Hilo Bay, Kuhio Bay, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/29/2013 19:46 HST and 2.0 ft (0.60 m) at 07/30/2013 11:01 HST.

Kawaihae, HI: Next predicted high tides are 1.1 ft (0.33 m) at 07/29/2013 21:00 HST and 1.8 ft (0.56 m) at 07/30/2013 11:31 HST.

Tropical Storm FLOSSIE QuickLook, POSTED 12:00 HST 07/29/2013

Kahului, Kahului Harbor, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/29/2013 18:06 HST and 1.8 ft (0.54 m) at 07/30/2013 11:06 HST.

Mokuoloe, HI: Next predicted high tides are 1.4 ft (0.41 m) at 07/29/2013 17:38 HST and 1.7 ft (0.52 m) at 07/30/2013 11:45 HST.

Honolulu, HI: Next predicted high tides are 1.0 ft (0.29 m) at 07/29/2013 21:18 HST and 1.8 ft (0.54 m) at 07/30/2013 11:48 HST.

Nawiliwili, HI: Next predicted high tides are 1.0 ft (0.29 m) at 07/29/2013 20:07 HST and 1.6 ft (0.50 m) at 07/30/2013 11:43 HST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: DW

SELECT [CENTRAL PACIFIC HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL STORM FLOSSIE ADVISORY NUMBER 20
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI
1100 AM HST MON JUL 29 2013

...FLOSSIE WEAKENS AS IT APPROACHES MAUI COUNTY AND THE BIG ISLAND...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

*HAWAII COUNTY

*MAUI COUNTY...INCLUDING THE ISLANDS OF MAUI...MOLOKAI...LANAI AND KAHOO LAWE

*OAHU

*KAUAI AND NIIHAU

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE NATIONAL WEATHER FORECAST OFFICE IN HONOLULU.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM HST...2100 UTC...THE CENTER OF TROPICAL STORM FLOSSIE WAS LOCATED NEAR LATITUDE 20.6 NORTH...LONGITUDE 154.9 WEST. FLOSSIE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 18 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 TO 48 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH WITH HIGHER GUSTS. SOME WEAKENING IS FORECAST DURING THE NEXT 24 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1000 MB...29.53 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH PORTIONS OF MAUI COUNTY AND THE BIG ISLAND EARLY THIS AFTERNOON...OAHU THIS EVENING AND KAUAI COUNTY OVERNIGHT.

RAINFALL...HEAVY RAINFALL IS EXPECTED TO BEGIN SHORTLY OVER HAWAII COUNTY AND LATER THIS AFTERNOON OVER MAUI COUNTY...WITH HEAVY RAIN SPREADING TO OAHU TONIGHT. FLOSSIE IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 2 TO 4 INCHES OVER THE BIG ISLAND WITH ISOLATED AMOUNTS UP TO 6 INCHES. OVER THE REST OF THE STATE TOTAL RAINFALL AMOUNTS WILL BE 1 TO 2 INCHES WITH ISOLATED AMOUNTS UP TO 6 INCHES. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES...ESPECIALLY IN THE MOUNTAINS.

SURF...DANGEROUSLY HIGH SURF IS AFFECTING EAST FACING SHORES OF MAUI AND THE BIG ISLAND. LARGE SURF WILL GRADUALLY SPREAD TO THE REST OF THE ISLANDS LATER TODAY AND CONTINUE INTO TUESDAY. THE LARGE SURF MAY CAUSE COASTAL ROAD CLOSURES...EVEN BEFORE THE STORM ARRIVES. PLEASE SEE THE LATEST TROPICAL STORM FLOSSIE LOCAL STATEMENT FOR INFORMATION SPECIFIC TO YOUR AREA.

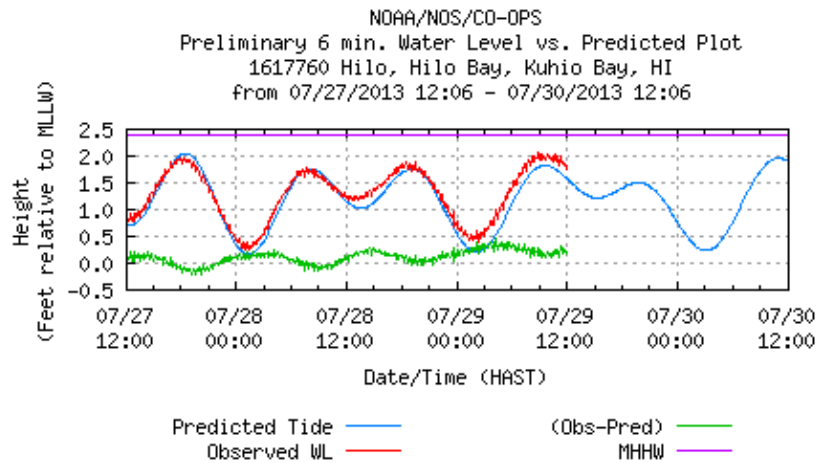
FORECASTER BURKE

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Barometric](#), [Kawaihae - Air/Water Temp](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Nawiliwili - Water Level](#)

Tropical Storm FLOSSIE QuickLook, POSTED 12:00 HST 07/29/2013

Hilo, Hilo Bay, Kuhio Bay, HI - Return to List

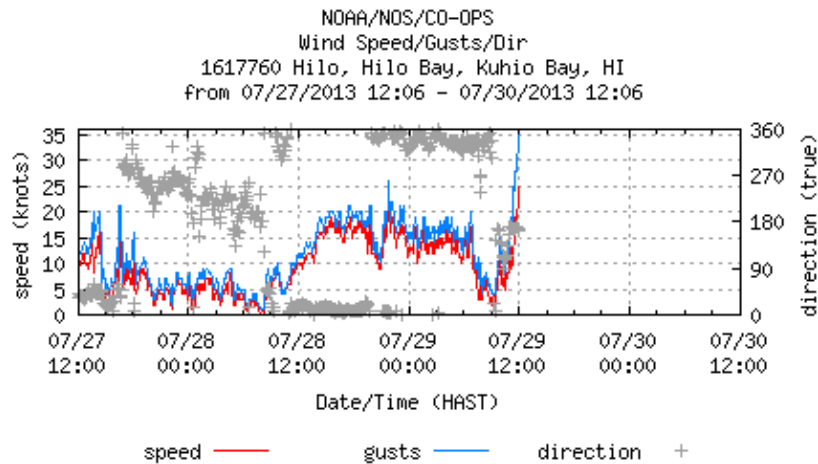


Last Observed Sample: 07/29/2013 12:00 (HAST)

Relative to MLLW: **Observed: 1.75 ft.** **Predicted: 1.57 ft.** **Residual: 0.18 ft.**

Historical Maximum Water Level: Jan 20 1981, 3.77 ft. above MLLW

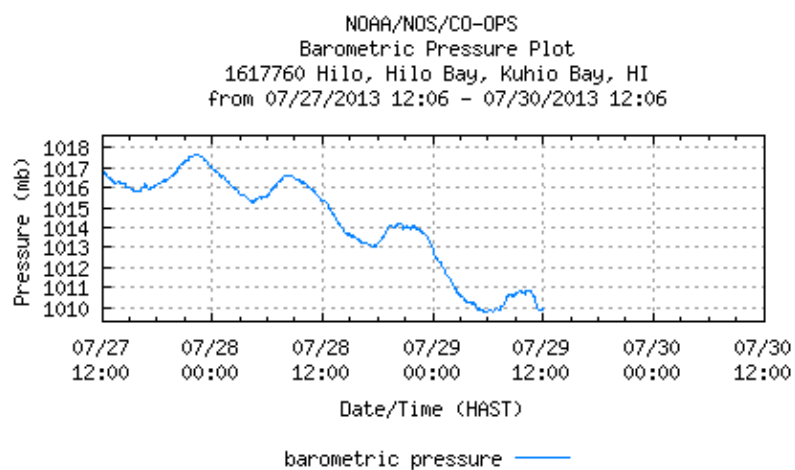
Hilo, Hilo Bay, Kuhio Bay, HI - Return to List



Last Observed Sample: 07/29/2013 12:00 (HAST)

Wind Speed: 23 knots **Gusts: 34 knots** **Direction: 164° T**

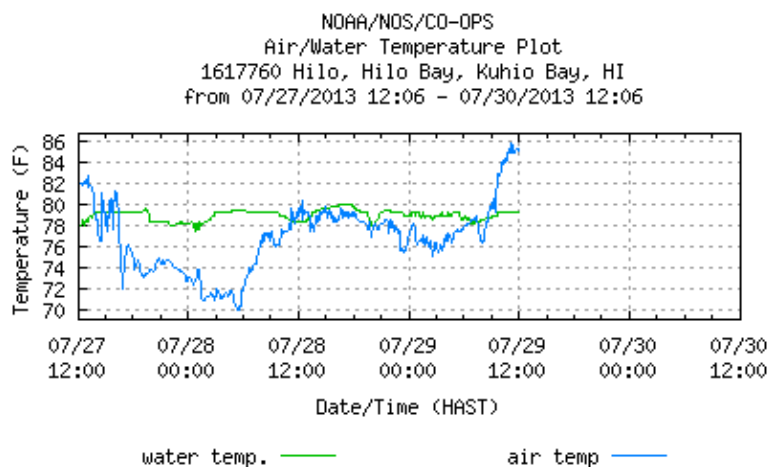
[Hilo, Hilo Bay, Kuhio Bay, HI - Return to List](#)



Last Observed Sample: 07/29/2013 12:00 (HAST)

Barometric Pressure: 1009.9 mb

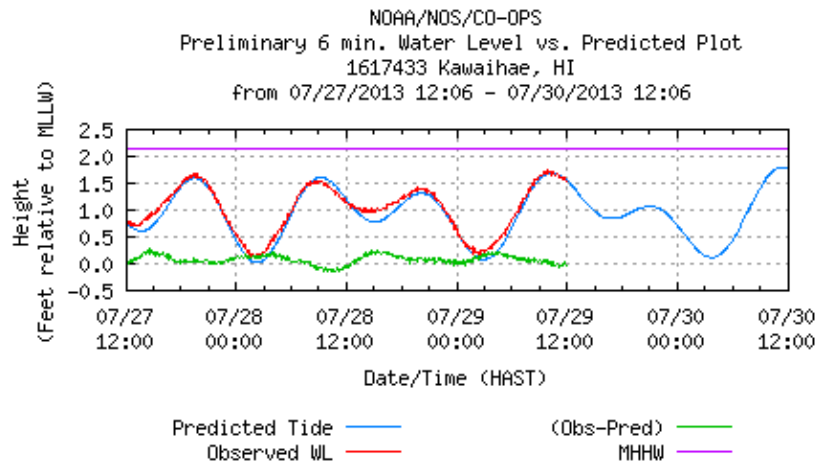
[Hilo, Hilo Bay, Kuhio Bay, HI - Return to List](#)



Last Observed Sample: 07/29/2013 12:00 (HAST)

Water Temperature: 79.3° F Air Temperature: 85.3° F

Kawaihae, HI - Return to List

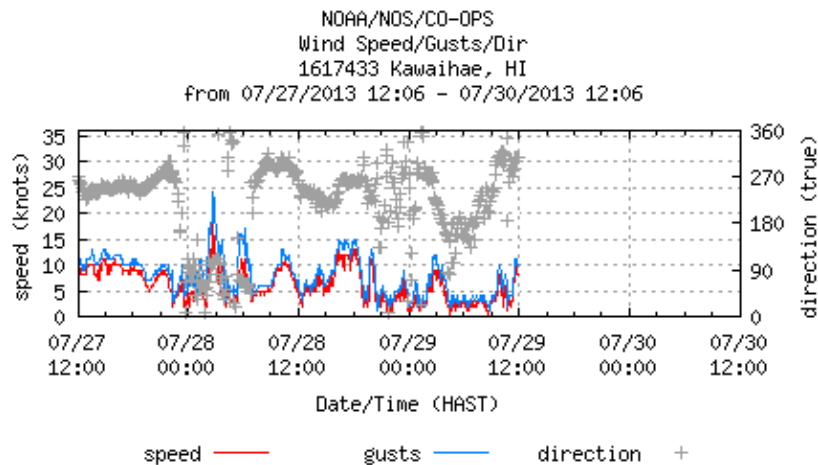


Last Observed Sample: 07/29/2013 12:00 (HAST)

Relative to MLLW: **Observed: 1.56 ft.** **Predicted: 1.55 ft.** **Residual: 0.01 ft.**

Historical Maximum Water Level: Dec 13 2008, 3.38 ft. above MLLW

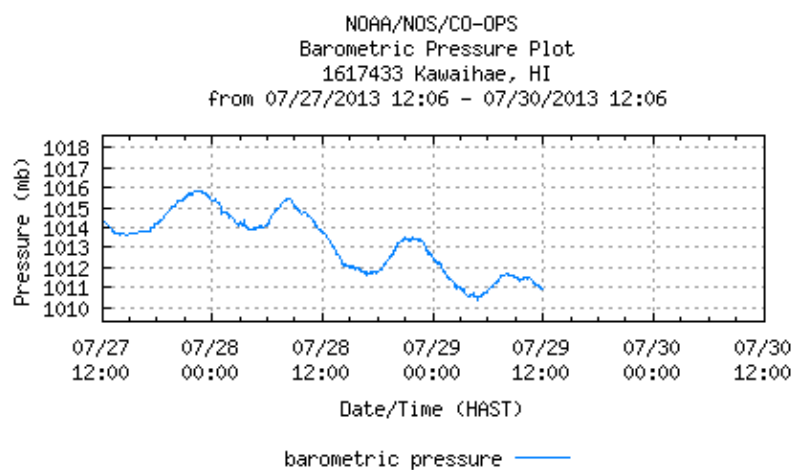
Kawaihae, HI - Return to List



Last Observed Sample: 07/29/2013 12:00 (HAST)

Wind Speed: 11 knots **Gusts: 12 knots** **Direction: 306° T**

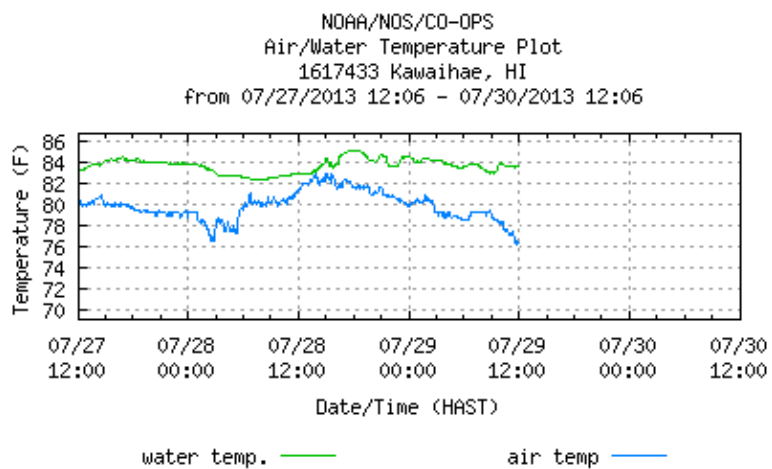
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/29/2013 12:00 (HAST)

Barometric Pressure: 1011.0 mb

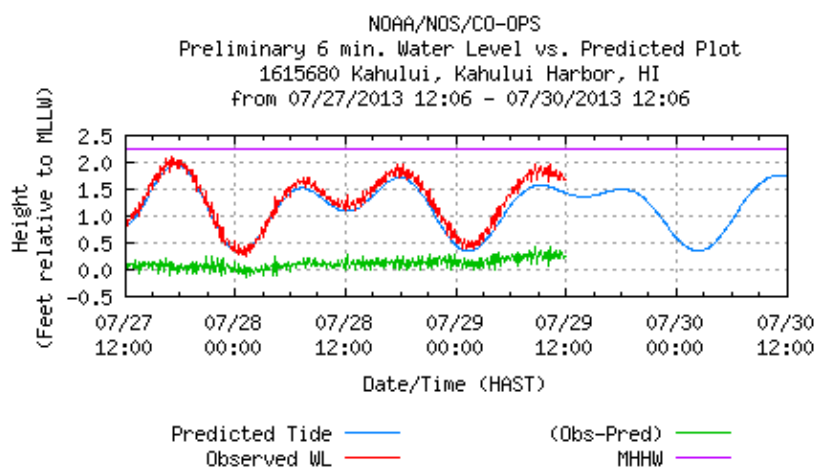
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/29/2013 12:00 (HAST)

Water Temperature: 83.7° F Air Temperature: 76.5° F

Kahului, Kahului Harbor, HI - Return to List

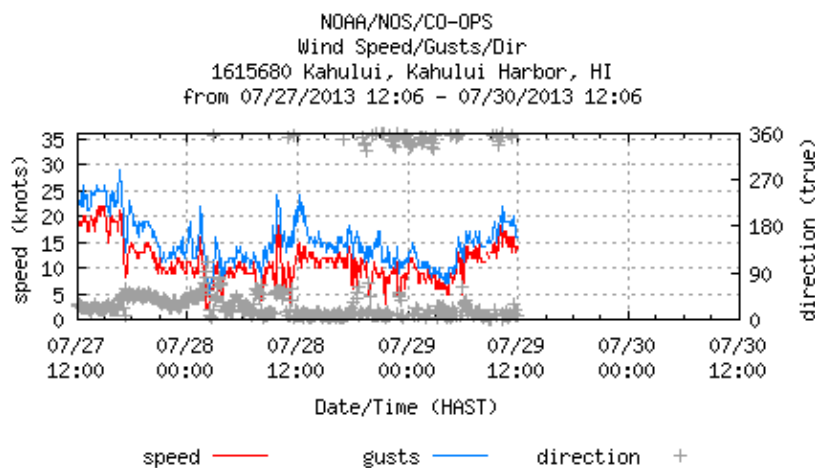


Last Observed Sample: 07/29/2013 12:00 (HAST)

Relative to MLLW: **Observed: 1.71 ft.** **Predicted: 1.43 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: Dec 20 1968, 3.48 ft. above MLLW

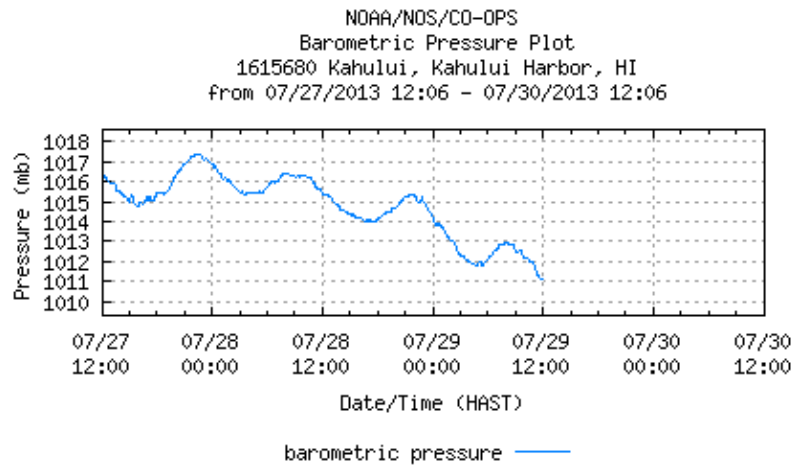
Kahului, Kahului Harbor, HI - Return to List



Last Observed Sample: 07/29/2013 12:00 (HAST)

Wind Speed: 13 knots **Gusts: 16 knots** **Direction: 1° T**

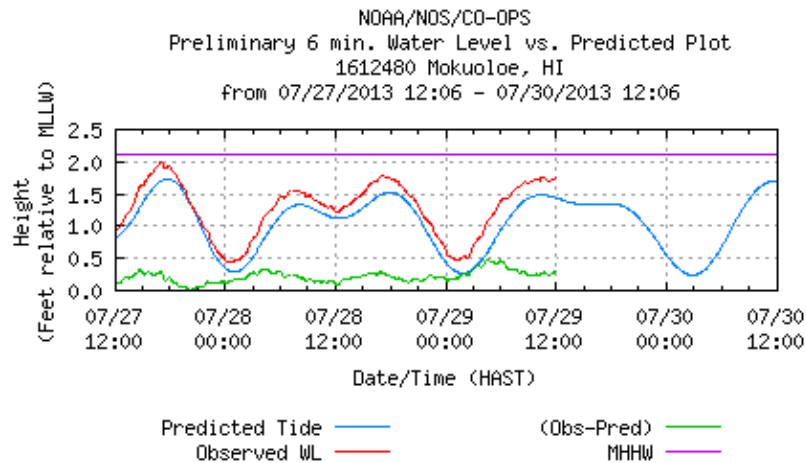
Kahului, Kahului Harbor, HI - Return to List



Last Observed Sample: 07/29/2013 12:00 (HAST)

Barometric Pressure: 1011.0 mb

Mokuoloe, HI - Return to List

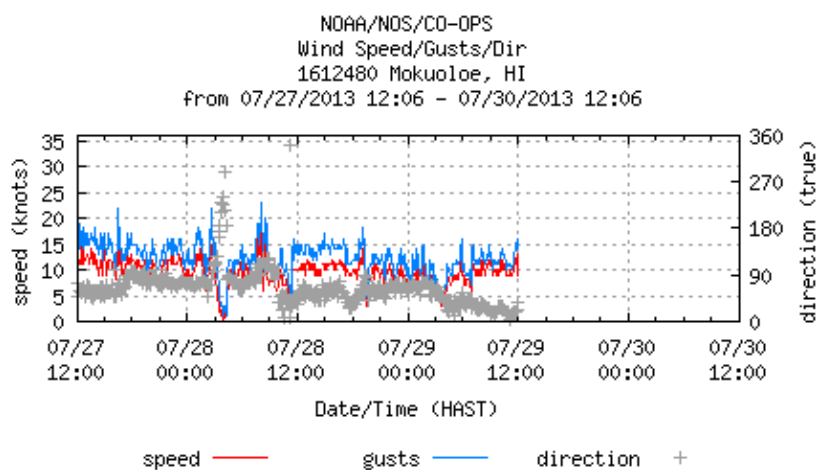


Last Observed Sample: 07/29/2013 12:06 (HAST)

Relative to MLLW: **Observed:** 1.74 ft. **Predicted:** 1.44 ft. **Residual:** 0.30 ft.

Historical Maximum Water Level: Jan 8 1974, 3.58 ft. above MLLW

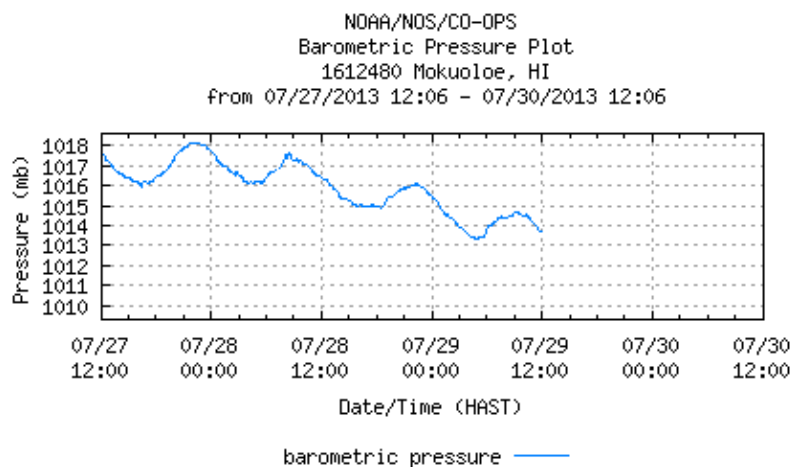
Mokuoloe, HI - Return to List



Last Observed Sample: 07/29/2013 12:06 (HAST)

Wind Speed: 11 knots Gusts: 12 knots Direction: 32° T

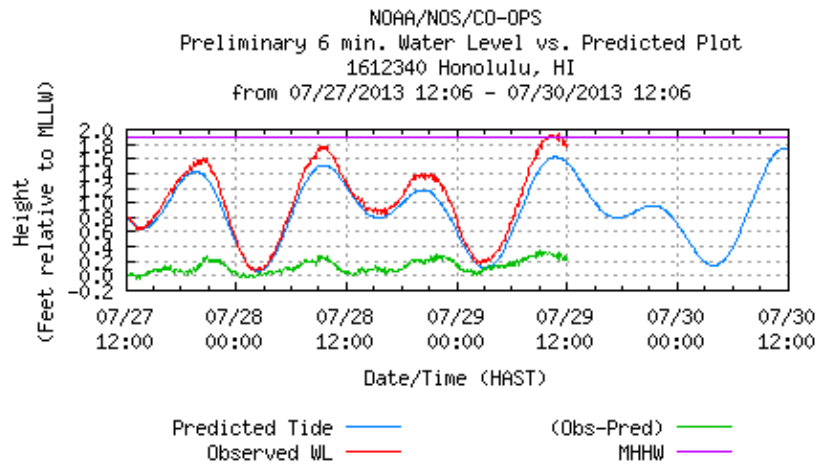
Mokuoloe, HI - Return to List



Last Observed Sample: 07/29/2013 12:06 (HAST)

Barometric Pressure: 1013.6 mb

Honolulu, HI - Return to List

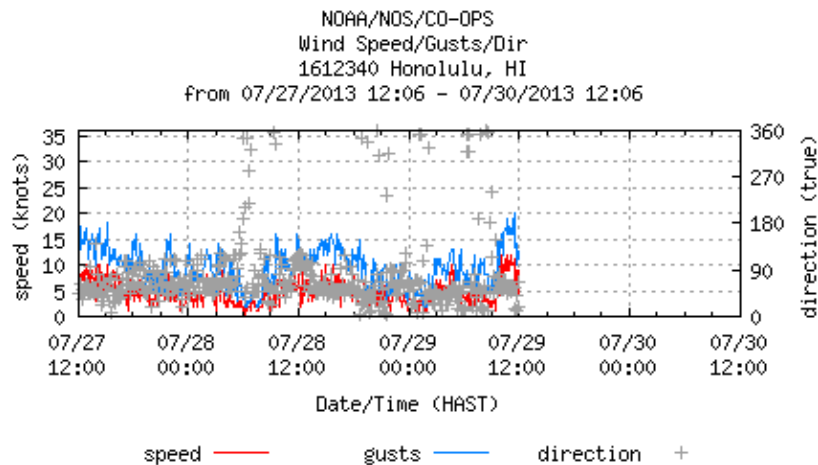


Last Observed Sample: 07/29/2013 12:00 (HAST)

Relative to MLLW: **Observed: 1.78 ft.** **Predicted: 1.54 ft.** **Residual: 0.24 ft.**

Historical Maximum Water Level: Feb 14 1967, 3.39 ft. above MLLW

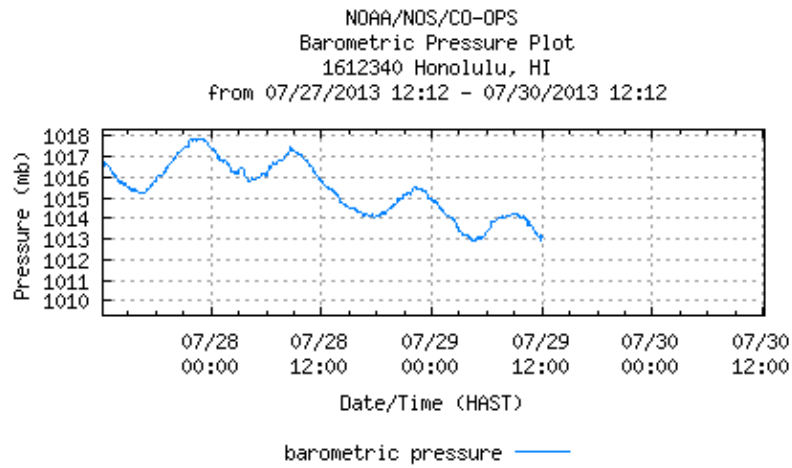
Honolulu, HI - Return to List



Last Observed Sample: 07/29/2013 12:00 (HAST)

Wind Speed: 9 knots **Gusts: 11 knots** **Direction: 67° T**

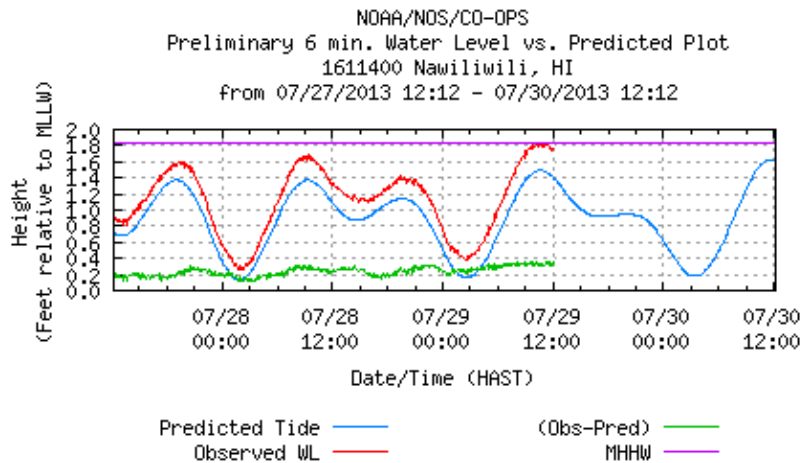
Honolulu, HI - Return to List



Last Observed Sample: 07/29/2013 12:00 (HAST)

Barometric Pressure: 1013.1 mb

Nawiliwili, HI - Return to List



Last Observed Sample: 07/29/2013 12:06 (HAST)

Relative to MLLW: **Observed: 1.75 ft. Predicted: 1.39 ft. Residual: 0.36 ft.**

Historical Maximum Water Level: Sep 11 1992, 4.98 ft. above MLLW